



NHR ORGANIC OILS  
24 CHATHAM PLACE, BRIGHTON, BN1 3TN, UK  
+44 (0)1273 746505 [info@nhrorganicoils.com](mailto:info@nhrorganicoils.com) [www.nhrorganicoils.com](http://www.nhrorganicoils.com)

## *IFRA 48 Conformity Certificate* **Organic Ravensara Essential Oil** *(Ravensara aromatica)*

Product Name	<b>Organic Ravensara Oil</b>		
INCI Name	Ravensara Aromatica Leaf Oil		
Revision No	3	Date	16-07-2020

Restricted Component	CAS	% Level in Product	IFRA Standard
Limonene	5989-27-5	≤ 21.1	Specification Std
Linalool	78-70-6	≤ 6.0	Specification Std
Geraniol	106-24-1	≤ 0.1	Restriction Stds (QRA cat.)
Eugenol	97-53-0	≤ 0.2	Restriction Stds (QRA cat.)
Benzaldehyde	100-52-7	≤ 0.1	Restriction Stds (QRA cat.)
Carvone	99-49-0	≤ 0.1	Restriction Stds (QRA cat.)
trans-2-Hexenal	6728-2-3	≤ 0.1	Restriction Stds (QRA cat.)
Methyl Eugenol (from naturals)	93-15-2	≤ 8.6	Restriction Stds (non QRA)
Methyl Chavicol (Estragole)	140-67-0	≤ 9.8	Restriction Stds (non QRA)
Furfural	98-01-1	≤ 0.1	Restriction Stds (non QRA)

We certify that the above compound is in compliance with the Standards of the International Fragrance Association (IFRA 48<sup>TH</sup> Amendment published June 25); provided it is used in the following class(es) at a maximum concentration level of the above.

According to Cosmetic Regulation (EC) No 1223/2009 Annex III methyl eugenol is restricted to a maximum concentration in a ready to use preparation as follows:

- Fine fragrance – 0.01%
- Eau de toilette - 0.004%
- Fragrance cream - 0.002%
- Other leave-on products and oral products - 0.0002%
- Rinse-off products - 0.001%

IFRA class(es) [see annex for details]	Max level of use (%)
Class 1	Not approved
Class 2	0.005
Class 3A	0.093
Class 3B	0.233
Class 3C	0.005
Class 3D	0.005

Class 4A	0.093
Class 4B	0.233
Class 4C	0.005
Class 4D	0.047
Class 5	0.005
Class 6	Not approved.
Class 7A	0.005
Class 7B	0.005
Class 8A	0.005
Class 8B	0.012
Class 9A	0.012
Class 9B	0.116
Class 9C	0.116
Class 10A	0.116
Class 10B	0.005
Class 11	0.116

For other kinds of application or use at higher concentration levels, a new evaluation may be needed.

The IFRA Standards regarding use restrictions are based on safety assessments by the Panel of Experts of the RESEARCH INSTITUTE FOR FRAGRANCE MATERIALS (RIFM) and are enforced by the IFRA Scientific Committee.

Evaluation of individual Fragrance ingredients is made according to the safety standards contained in the relevant section of the IFRA Code of Practice.

This certificate serves only as a guide to the maximum level of use. It is the ultimate responsibility of the customer to ensure safe formulating principles are utilised and the safety of the final product (containing this fragrance), by further testing if need be.

Note 1: It is recommended that any material used to impart perfume or flavour in products intended for human ingestion should consist of ingredients that are in compliance with appropriate regulations for foods and food flavourings in the countries of planned distribution.

Note 2: Trials must be performed to satisfy suitability for specified application.

**DISCLAIMER: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.**

## ANNEX: Definition of IFRA Classes

Finished product types	IFRA class
Lip Products of all types (solid and liquid lipsticks, balms, clear or coloured, etc.) Children's Toys.	Class 1
Deodorant and Antiperspirant Products of all types, including any product with intended or reasonably foreseeable use on the underarm or labelled as such (spray, stick, roll-on, under-arm, deo-cologne and body spray, etc.) Fragranced bracelets. Nose Pore Strips.	Class 2
Hydroalcoholic Products Applied To Recently Shaved Skin. (includes aftershave) (Edt range)	Class 3A
Hydroalcoholic Products Applied To Recently Shaved Skin. (includes aftershave) (Fine fragrance range)	Class 3B
Eye Products of all types (eye shadow, mascara, eyeliner, eye make-up, etc.) Men's Facial Creams, Balms. Baby Creams, Lotions, Oils. Body Paint for Children.	Class 3C
Tampons	Class 3D
Hydroalcoholic Products Applied To Unshaved Skin (includes aqueous based, alcoholic based and hydroalcoholic) like cologne, eau de cologne, eau de parfum or parfum. (EdT Range) Ingredients of perfume kits, scent strips for hydroalcoholic products. Scent pads, foil packs.	Class 4A
Hydroalcoholic Products Applied To Unshaved Skin (includes aqueous based, alcoholic based and hydroalcoholic) like cologne, eau de cologne, eau de parfum or parfum (Fine fragrance Range)	Class 4B
Hair Styling Aids, Hair Sprays of all types (pumps, aerosol sprays, etc.) Hair deodourant. Body Creams, Oils, Lotions, Fragrancing Creams of all types (except baby creams, lotions and oils) Fragrance Compounds for Cosmetic Kits, Foot care products, hair deodourant. Body paint except those for children. Body sprays (including body mist) with no intended or reasonably foreseeable use on the underarm.	Class 4C
Fragrancing creams, Solid perfumes.	Class 4D
Women's Facial Creams/Facial Make-up. Hand cream. Hand sanitizers. Facial masks.* Baby Powder & Talc. Hair Permanent and Other Hair Chemical Treatments (e.g. relaxers) but not hair dyes. Wipes or Refreshing Tissues for Face, Neck, Hands, Body. Dry Shampoo or Waterless Shampoo.	Class 5
Mouthwash, including Breath sprays. Toothpaste.	Class 6
Intimate Wipes, Baby Wipes.	Class 7A
Insect Repellent (intended to be applied to the skin).	Class 7B
Make-up Removers of all types (not including face cleansers) Hair Styling Aids Non-Spray of all types (mousse, gels, leave-in conditioners, etc.). Nail care. Powders and talcs (not including baby powders and talcs)	Class 8A

Hair Dyes	Class 8B
Liquid soap, Bar Soap (Toilet Soap) All Depilatories (including waxes for mechanical hair removal). Conditioner (Rinse-Off). Shampoos of all types (including baby shampoos) Face Cleansers of all types (washes, gels, scrubs, etc.) Shaving Creams of all types (stick, gels, foams, etc.) Body Washes of all types (including baby washes) and Shower Gels of all types. Bath Gels, Foams, Mousses, Salts, Oils and Other Products Added To Bathwater.	Class 9A
Feminine Hygiene – Pads Feminine Hygiene – Liners Toilet Paper Wheat Bags.	Class 9B
Facial tissues. Napkins. Paper towels. Other Aerosols (including air fresheners, sprays but not including deodorant/ antiperspirant, hair styling aids.) Fragranced Face masks (not intended to be used as medical device)	Class 9C
Handwash Laundry Detergents of all types including concentrates Machine wash Laundry Detergents of all types including concentrates (liquid, powder, tablet etc.) including laundry bleaches and concentrates. Fabric softeners of all types including fabric softener sheets. Other Household Cleaning Products (fabric cleaners, soft surface cleaners, carpet cleaners) Dry cleaning kits. Hard Surface Cleaners of all types (bathroom and kitchen cleansers, furniture polish etc) Shampoos for pets. Hand dishwashing detergent including concentrates. Scented gloves, socks, tights with moisturisers.	Class 10A
Nappies Toilet seat wipes.	Class 10B
All non-skin contact or incidental skin contact including:  Candles. Air fresheners and fragrancing of all types (concentrated aerosol with metered doses (range 0.05-0.5 mL spray), plug ins, solid substrate, membrane delivery, electrical.) Air delivery systems. Cell phone cases. Pot pourri, powders, fragrancing sachets, liquid refills for air fresheners (non cartridge systems), reed diffusers. Liquid refills for air fresheners (cartridge systems). Shoe polishes. Deodorisers/ maskers not intended for skin contact ( e.g. fabric drying machine deodorisers, carpet powders) Insecticides (mosquito coil, paper, electrical, for clothing etc.) excluding aerosols. Scent delivery system using a dry air technology that releases a fragrance without sprays, aerosols or heated oils (technology of nebulisation). Air freshening crystals. Toilet blocks. Joss sticks or incense sticks.	Class 11A

Machine dishwash detergent and deodorisers.  
Machine only laundry detergent (e.g. liquitabs)\*\*  
Plastic articles (excluding toys).  
Fuels.  
Fragranced lamp ring.  
Scent pack.  
Scratch and sniff (sampling technology).  
Paints.  
Cat litter.  
Animal sprays (all types)  
Treatment products for textiles (e.g. starch sprays, fabric treated with fragrances after wash, deodorisers for textiles or fabrics).  
Floor wax.  
Odoured distilled water (that can be added to steam irons).

Class 11B

\* Class 5, Facial masks: There are several types of masks: peel off (similar to rinse-off, rinse-off and leave-on (you only remove the excess with a facial tissue). To ease the split the most restrictive, i.e. leave-on is applied for all.

\*\* Liquitabs corresponds to a dose of liquids wrapped in a film: no contact with hands is expected under normal conditions of use

**The table was prepared with the intention to cover the vast majority of the products; however it may not cover some specific applications. In this case other classes may be attributed based on a specific risk assessment.**